

3/29/79

Addendum -- Chapter 23

Page 17, paragraph 2, add after the second sentence (concerning maximum repair costs under the MVIP): "This repair cost limitation does not apply if a vehicle's emission control system is missing, in bad repair, or inoperative."

Page 18, 1st paragraph, add the following sentence to the end of the paragraph: "Appendix 23-A quantifies the per-vehicle emissions reductions attributable to an MVIP."

Add Appendix 23-A (attached).

APPENDIX 23-A

Determination of Emissions Reductions from Motor Vehicle Inspection Programs

Estimated emission reductions resulting from motor vehicle inspection programs vary largely because mix and emissions characteristics of the vehicle population changes as new models are introduced each year. Also, since the surveillance programs used to document emission reductions involve randomly selected in-use vehicles, the vehicle mix of each individual study also varies.

The emission reductions cited are judged to be the most accurate estimates available at the time of the adoption of this chapter by the Air Resources Board on October 26, 1978.

The description of the MVIP is provided in Section III(A-5) of this chapter. The emission reductions given below are based on the results of the Riverside pilot program, which have been supplemented with the results from more recent studies to reflect the effects of vehicles equipped with catalytic converters as well as more recent ARB and EPA emission factors.

MVIP Per-Vehicle Emission Reductions for Light and Medium Duty Vehicles

	1980				1990			
	Exhaust	HC	CO	NOx	Exhaust	HC	CO	NOx
Annual MVIP		28%	21%	9%		42%	26%	28%
Change of ownership MVIP		4.9%	3.8%	1.8%		7.6%	4.6%	4.9%